

SCORE Search Results Details for Application 10687035 and Search Result 20080310_154559_us-10-687-035-1_copy_14_452.rapbn

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This page gives you Search Results detail for the Application 10687035 and Search Result 20080310_154559_us-10-687-035-1_copy_14_452.rapbn.

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OM protein - protein search, using sw model

Run on: March 11, 2008, 01:50:38 ; Search time 29 Seconds
(without alignments)
157.489 Million cell updates/sec

Title: US-10-687-035-1_COPY_14_452
Perfect score: 2321
Sequence: 1 FTHRSSVSTTSTPGTPTVYL.....HGVTQLGFYVLDRDSLFIG 439

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 50444 seqs, 10403607 residues

Total number of hits satisfying chosen parameters: 50444

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA_New:*

1: /ABSS/Data/CRF/ptodata/2/pubpaa/US10_NEW_PUB.pep:*

2: /ABSS/Data/CRF/ptodata/2/pubpaa/US11_NEW_PUB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Score	Match Length	DB ID	Description		%
1	2301	99.1	1148	2	US-11-599-845A-124	Sequence 124, App

2	424	18.3	104	2	US-11-599-845A-128	Sequence 128, App
3	155	6.7	174	2	US-11-599-845A-126	Sequence 126, App
4	114.5	4.9	1475	2	US-11-537-311-346	Sequence 346, App
5	98	4.2	1395	2	US-11-779-243-105	Sequence 105, App
6	94	4.0	718	2	US-11-624-750-7	Sequence 7, Appl
7	92	4.0	1002	1	US-10-692-382-14	Sequence 14, Appl
8	91	3.9	1225	1	US-10-692-382-1063	Sequence 1063, Ap
9	91	3.9	1242	1	US-10-692-382-1065	Sequence 1065, Ap
10	91	3.9	1242	1	US-10-692-382-1073	Sequence 1073, Ap
11	91	3.9	1645	2	US-11-812-518-364	Sequence 364, App
12	91	3.9	2074	2	US-11-812-518-365	Sequence 365, App
13	91	3.9	2224	2	US-11-812-518-392	Sequence 392, App
14	91	3.9	2224	2	US-11-812-518-393	Sequence 393, App
15	90.5	3.9	2944	2	US-11-820-004-92	Sequence 92, Appl
16	90	3.9	683	2	US-11-624-750-5	Sequence 5, Appl
17	88.5	3.8	10498	2	US-11-614-716-440	Sequence 440, App
18	88	3.8	555	2	US-11-809-365-8	Sequence 8, Appl
19	87.5	3.8	480	1	US-10-692-382-658	Sequence 658, App
20	87	3.7	570	2	US-11-809-365-4	Sequence 4, Appl
21	87	3.7	974	2	US-11-165-424-161	Sequence 161, App
22	87	3.7	1459	2	US-11-820-004-69	Sequence 69, Appl
23	86.5	3.7	2225	1	US-10-692-382-2426	Sequence 2426, Ap
24	86	3.7	683	2	US-11-624-750-6	Sequence 6, Appl
25	86	3.7	686	2	US-11-624-750-19	Sequence 19, Appl
26	86	3.7	686	2	US-11-624-750-21	Sequence 21, Appl
27	86	3.7	754	1	US-10-692-382-3488	Sequence 3488, Ap
28	86	3.7	754	1	US-10-692-382-3492	Sequence 3492, Ap
29	86	3.7	790	1	US-10-692-382-3490	Sequence 3490, Ap
30	86	3.7	790	1	US-10-692-382-3494	Sequence 3494, Ap
31	86	3.7	1730	1	US-10-692-382-478	Sequence 478, App
32	86	3.7	2213	1	US-10-692-382-2431	Sequence 2431, Ap
33	85.5	3.7	5858	1	US-10-585-725-82	Sequence 82, Appl
34	85	3.7	555	2	US-11-809-365-2	Sequence 2, Appl
35	85	3.7	555	2	US-11-809-365-6	Sequence 6, Appl
36	85	3.7	585	2	US-11-779-243-162	Sequence 162, App
37	85	3.7	585	2	US-11-779-243-165	Sequence 165, App
38	85	3.7	1471	1	US-10-692-382-1056	Sequence 1056, Ap
39	84.5	3.6	878	1	US-10-692-382-532	Sequence 532, App
40	84.5	3.6	878	1	US-10-692-382-534	Sequence 534, App
41	84.5	3.6	3089	2	US-11-820-004-76	Sequence 76, Appl
42	84	3.6	2162	1	US-10-692-382-2884	Sequence 2884, Ap
43	84	3.6	2162	1	US-10-692-382-2888	Sequence 2888, Ap
44	83.5	3.6	503	1	US-10-560-103-4	Sequence 4, Appl
45	83.5	3.6	548	2	US-11-656-495-5811	Sequence 5811, Ap

ALIGNMENTS

RESULT 1

US-11-599-845A-124

; Sequence 124, Application US/11599845A

; Publication No. US20080025981A1

; GENERAL INFORMATION:

; APPLICANT: Young, Paul E.

;
 APPLICANT: Ebner, Reinhard
 APPLICANT: Weaver, Zoe
 APPLICANT: Strovel, Jeffrey W.
 APPLICANT: Horrigan, Stephen K.
 APPLICANT: Shea, Martin
 APPLICANT: Weigle, Bernd
 APPLICANT: Rieger, Michael
 APPLICANT: Rick, Jennifer A.
 APPLICANT: Cain, Colyn B.
 TITLE OF INVENTION: Cancer-linked Genes as Target for Chemotherapy
 FILE REFERENCE: 689290-273
 CURRENT APPLICATION NUMBER: US/11/599,845A
 CURRENT FILING DATE: 2006-11-15
 PRIOR APPLICATION NUMBER: 10/585,466
 PRIOR FILING DATE: 2005-01-04
 PRIOR APPLICATION NUMBER: PCT/US2005/000040
 PRIOR FILING DATE: 2005-01-04
 PRIOR APPLICATION NUMBER: 10/583,832
 PRIOR FILING DATE: 2004-12-16
 PRIOR APPLICATION NUMBER: PCT/US2004/42406
 PRIOR FILING DATE: 2004-12-16
 PRIOR APPLICATION NUMBER: 10/575,337
 PRIOR FILING DATE: 2004-10-07
 PRIOR APPLICATION NUMBER: PCT/US2004/33072
 PRIOR FILING DATE: 2004-10-07
 PRIOR APPLICATION NUMBER: 10/540,310
 PRIOR FILING DATE: 2003-12-19
 PRIOR APPLICATION NUMBER: PCT/US2003/40710
 PRIOR FILING DATE: 2003-12-19
 PRIOR APPLICATION NUMBER: 10/518,039
 PRIOR FILING DATE: 2003-06-10
 PRIOR APPLICATION NUMBER: PCT/US2003/19741
 PRIOR FILING DATE: 2003-06-10
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 769
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 124
 LENGTH: 1148
 TYPE: PRT
 ORGANISM: Homo sapiens

US-11-599-845A-124

Query Match 99.1%; Score 2301; DB 2; Length 1148;
 Best Local Similarity 99.5%; Pred. No. 9.2e-197;
 Matches 437; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy	1	FTHRSSVTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	393	FTHRSSVTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	452
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP	120
Db	453	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGSRLTLRPEKDGEATGVDAICTHRPDPTGP	512
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLIVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180

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Db      ||||||| 513 GLDREQLYLELSQLTHSITELGPYTLDRDSLTVNGFTHRSSVPTTSTGVVSEEPFTLNFT 572
Qy      181 INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGRVIALRSVKNGAETR 240
Db      573 INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGRVIALRSVKNGAETR 632
Qy      241 VDLLCTYLQPLSGPGLPIKQVFHELQQTHGITRLGPYSLDKDSLNLNGYNEPGPDEPPT 300
Db      633 VDLLCTYLQPLSGPGLPIKQVFHELQQTHGITRLGPYSLDKDSLNLNGYNEPGLDEPPT 692
Qy      301 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 360
Db      693 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 752
Qy      361 PLFQKSSMGPFYLGCQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 420
Db      753 PLFQKSSMGPFYLGCQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 812
Qy      421 GVTQLGFYVLDRDSLFIG 439
Db      813 GVTQLGFYVLDRDSLFIG 831

```

RESULT 2

US-11-599-845A-128

; Sequence 128, Application US/11599845A
; Publication No. US20080025981A1
; GENERAL INFORMATION:
; APPLICANT: Young, Paul E.
; APPLICANT: Ebner, Reinhard
; APPLICANT: Weaver, Zoe
; APPLICANT: Strovel, Jeffrey W.
; APPLICANT: Horrigan, Stephen K.
; APPLICANT: Shea, Martin
; APPLICANT: Weigle, Bernd
; APPLICANT: Rieger, Michael
; APPLICANT: Rick, Jennifer A.
; APPLICANT: Cain, Colyn B.
; TITLE OF INVENTION: Cancer-linked Genes as Target for Chemotherapy
; FILE REFERENCE: 689290-273
; CURRENT APPLICATION NUMBER: US/11/599,845A
; CURRENT FILING DATE: 2006-11-15
; PRIOR APPLICATION NUMBER: 10/585,466
; PRIOR FILING DATE: 2005-01-04
; PRIOR APPLICATION NUMBER: PCT/US2005/000040
; PRIOR FILING DATE: 2005-01-04
; PRIOR APPLICATION NUMBER: 10/583,832
; PRIOR FILING DATE: 2004-12-16
; PRIOR APPLICATION NUMBER: PCT/US2004/42406
; PRIOR FILING DATE: 2004-12-16
; PRIOR APPLICATION NUMBER: 10/575,337
; PRIOR FILING DATE: 2004-10-07
; PRIOR APPLICATION NUMBER: PCT/US2004/33072
; PRIOR FILING DATE: 2004-10-07

; PRIOR APPLICATION NUMBER: 10/540,310
; PRIOR FILING DATE: 2003-12-19
; PRIOR APPLICATION NUMBER: PCT/US2003/40710
; PRIOR FILING DATE: 2003-12-19
; PRIOR APPLICATION NUMBER: 10/518,039
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: PCT/US2003/19741
; PRIOR FILING DATE: 2003-06-10
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 769
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 128
; LENGTH: 104
; TYPE: PRT
; ORGANISM: Homo sapiens

Query Match 18.3%; Score 424; DB 2; Length 104;
Best Local Similarity 81.7%; Pred. No. 3.2e-31;
Matches 85; Conservative 2; Mismatches 3; Indels 14; Gaps 2;

Qy	302	PKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLRP	361
Db	1	PKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLRP	60
Qy	362	LFQKSSMGPFYLGCQLISLRPEKDGAATGVDTTCTYHPDPVPGPG	405
		: :	
Db	61	LFQKSSMGPFYLGCOLISLR-----LCT--PEFINPG	90

RESULT 3

US-11-599-845A-126
; Sequence 126, Application US/11599845A
; Publication No. US20080025981A1
; GENERAL INFORMATION:
; APPLICANT: Young, Paul E.
; APPLICANT: Ebner, Reinhard
; APPLICANT: Weaver, Zoe
; APPLICANT: Strovel, Jeffrey W.
; APPLICANT: Horrigan, Stephen K.
; APPLICANT: Shea, Martin
; APPLICANT: Weigle, Bernd
; APPLICANT: Rieger, Michael
; APPLICANT: Rick, Jennifer A.
; APPLICANT: Cain, Colyn B.
; TITLE OF INVENTION: Cancer-linked Genes as Target for Chemotherapy
; FILE REFERENCE: 689290-273
; CURRENT APPLICATION NUMBER: US/11/599,845A
; CURRENT FILING DATE: 2006-11-15
; PRIOR APPLICATION NUMBER: 10/585,466
; PRIOR FILING DATE: 2005-01-04
; PRIOR APPLICATION NUMBER: PCT/US2005/000040
; PRIOR FILING DATE: 2005-01-04
; PRIOR APPLICATION NUMBER: 10/583,832
; PRIOR FILING DATE: 2004-12-16

;
 PRIOR APPLICATION NUMBER: PCT/US2004/42406
 ; PRIOR FILING DATE: 2004-12-16
 ; PRIOR APPLICATION NUMBER: 10/575,337
 ; PRIOR FILING DATE: 2004-10-07
 ; PRIOR APPLICATION NUMBER: PCT/US2004/33072
 ; PRIOR FILING DATE: 2004-10-07
 ; PRIOR APPLICATION NUMBER: 10/540,310
 ; PRIOR FILING DATE: 2003-12-19
 ; PRIOR APPLICATION NUMBER: PCT/US2003/40710
 ; PRIOR FILING DATE: 2003-12-19
 ; PRIOR APPLICATION NUMBER: 10/518,039
 ; PRIOR FILING DATE: 2003-06-10
 ; PRIOR APPLICATION NUMBER: PCT/US2003/19741
 ; PRIOR FILING DATE: 2003-06-10
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 769
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 126
 ; LENGTH: 174
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens

US-11-599-845A-126

Query Match 6.7%; Score 155; DB 2; Length 174;
 Best Local Similarity 30.6%; Pred. No. 5.5e-07;
 Matches 38; Conservative 26; Mismatches 50; Indels 10; Gaps 3;

Qy	57 MWPGSRKFNTTERV----LQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAIC 111
	:: :: :: :: : ::: : : ::
Db	1 MKTGTRSIKDQERKRKNKRNIEDALNQLFRNSSIKSYFSDCQVSTFRSVPNRHHTGVDSL C 60
Qy	112 THRDPPTGPGLDREQLYLELSQLTHSITELGPYTLDRDSLTVNGFTHRSSVPTTSTGVVS 171
	: : :: : : : ::: :
Db	61 NF--SPLARRVDRVAIYEEFLRMTRNGTQLQNFTLDRSSVLVDGYSPNRNEPLTGN---S 115
Qy	172 EEPF 175
	:
Db	116 DLPF 119

RESULT 4

US-11-537-311-346

;
 Sequence 346, Application US/11537311
 ; Publication No. US20080038264A1
 ; GENERAL INFORMATION:
 ; APPLICANT: BODARY, SARAH C.
 ; APPLICANT: CLARK, HILLARY
 ; APPLICANT: BRISDELL, HUNTE
 ; APPLICANT: JACKMAN, JANET
 ; APPLICANT: SCHOENFELD, JILL R.
 ; APPLICANT: WILLIAMS, P. MICKEY
 ; APPLICANT: WOOD, WILLIAM I.
 ; APPLICANT: WU, THOMAS D.
 ; TITLE OF INVENTION: Compositions and Methods for the Treatment of Immune
 ; TITLE OF INVENTION: Related Diseases

; FILE REFERENCE: P1948R1C1
; CURRENT APPLICATION NUMBER: US/11/537,311
; CURRENT FILING DATE: 2006-09-29
; PRIOR APPLICATION NUMBER: US 10/370,715
; PRIOR FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US 60/359,461
; PRIOR FILING DATE: 2002-02-22
; NUMBER OF SEQ ID NOS: 742
; SEQ ID NO 346
; LENGTH: 1475
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-537-311-346

Query Match 4.9%; Score 114.5; DB 2; Length 1475;
Best Local Similarity 19.3%; Pred. No. 0.042;
Matches 80; Conservative 53; Mismatches 149; Indels 133; Gaps 16;

Db 380 SVYFKPSLTPSG-----EFRKTNQRIDNKCSTGYEKNMTPGQNR---E 419

Db 420 QRESQFYSYPNFS-----LPAANGLSSGVGG-----GGGKMRERH 454

Qy 129 LELS SQLTHS ITELGPY TLD RDSL YVNGFTHR SSVPT---TSTGVVSEEPFTLNFT--INN 183
:: : | : || : || :| : : | :| : : |

Db 455 AFVASKPLEEEEMEVPVLPKISLPLTS----SSLPTFNFSSPEITSSSPSPINSSQALTN 51C

QY 184 LRYMADMGQPGSLKFNI TDNVMKHLSPLFQRSSLGARYTGCRVIALRSVKNGAETRVDL 243

Db 511 KVQMTSPSSTGSPMFKFSSPIVKSTEANVLPPSSIG--FTFSVPVAKTAELSGSSST-- 565

Qy 244 LCTYLQPLSGPGLPIKQVFHLSQQTHGIRL-----GPY---SLDKDSL 286
| : | : : | : | : | : | : | : | : |

Db 566 ----LEPI-----ISSSAHHVTTVNSTNCKKTPPEDCEGPFRRPAEILKEGSV 608

Db 609 LDILKSPGFASPKIDSVAAQPTATSPVYTRPAIS-----SFSSSGIGFG 653

Db 654 ESLKAGSSWQCDT-----CLLQNKTVDNKCIACQAAKLSPRDTAKOTGIET 699

RESULT 5

US-11-779-243-105

: Sequence 105. Application US/11779243

: Publication No. US20080051462A1

GENERAL INFORMATION:

: APPLICANT: FRITZ LAWRENCE C

APPLICANT: BURROWS, FRANCIS T

• ATTICANT: BURROWS, FRANCIS J.

;
 TITLE OF INVENTION: DISORDERS WITH HSP90 INHIBITORS
 FILE REFERENCE: CON-0010-USN
 CURRENT APPLICATION NUMBER: US/11/779,243
 CURRENT FILING DATE: 2007-07-17
 PRIOR APPLICATION NUMBER: US/10/469,469
 PRIOR FILING DATE: 2003-08-27
 PRIOR APPLICATION NUMBER: PCT/US02/06518
 PRIOR FILING DATE: 2002-03-01
 PRIOR APPLICATION NUMBER: 60/272,751
 PRIOR FILING DATE: 2001-03-01
 NUMBER OF SEQ ID NOS: 330
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 105
 LENGTH: 1395
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-11-779-243-105

Query Match 4.2%; Score 98; DB 2; Length 1395;
 Best Local Similarity 19.6%; Pred. No. 1.1;
 Matches 87; Conservative 67; Mismatches 149; Indels 142; Gaps 23;

Qy 11 STPGTPTV-----YLGASKTPASIFGPSAASHLLILFTLNFT---ITN 50
 | |||| : | ||:: || : | : | : : | : : | :
 Db 609 SLPGTPAMDKTSVMNMSHANPGLADYFGANRHPAGLTFPTAPG----FSFSFPGLFPSG 663

Qy 51 LRYEENMWPGS---RKFNTER-----VLOGLLRPLFKNTSVG---PLY 88
 | : : | | : ::||: | :|: | |: || | :
 Db 664 LYHRPPLIPASSPVKGLSSTEQTNKSQSPLMTHPQILPATQDILKALSKHPSVGDNKPVE 723

Qy 89 SGCRLLTLLRPEK-----DGEATGVDAICTHRPDPTGPGLDREQLYLELSQLTH 136
 | :||: | :: :| : | | :| | : | : |
 Db 724 -----LQPERSSEERPFEKISDQSESSDLDDVST---PSGSDLE-----TT 761

Qy 137 SITEL-GPYTLDRDSLIVNGFTHRSSL-PTTSTGVVSEEPFTLNFTINNLRYADMGQPG 194
 | ::| | ::| || : | | : : : | : | : : : | : : :
 Db 762 SGSDLESIDESDKFKENGKMFKDVKSPQNLASINNKKEYSNHSI---FSPSLEEQT 817

Qy 195 SLKFNITDNVMKHLLSPLFQRSSLGARYTGCR-VIALRSVKNGAETRVDLLCTYLQPLSG 253
 :: : | :: :|: :| | : : | : | || |
 Db 818 AVSGAVNDSIK-----AIASIAEKYFGSTGLVGLQDKKVGA-----LPY 856

Qy 254 PGLPIKQVFHELSQQTHGI-----TRLGPYSLDKDSLVLNGYNE-----PGPDE 297
 | : | | : :| : | | : | : | : | : | |
 Db 857 PSMFPLPFFPAFSQSMYPFPDRDLRSLPLKMEPQSPGEVKKLQKGSSESPFDLTTKRDE 916

Qy 298 PPTTPKPATTFLPPLSEATT-----AMGYHLKTLTLNFT--ISNLQYSPDMGKGSATF 348
 | || | : | | : | : | : | : | : | : | : | : | : | : | :
 Db 917 KPLTPVPSK---PPVTPATSQDQPLDLSMGSRSRASGTLTEPRKNHVFGGKKGSNVESR 973

Qy 349 NSTEGVLQHLL-RPLFQKSSMGPFY 372
 :::| ||| | | | | | | |
 Db 974 PASDGSLQHARPTPFF---MDPIY 994

RESULT 6

US-11-624-750-7

; Sequence 7, Application US/11624750

; Publication No. US20080003642A1

; GENERAL INFORMATION:

; APPLICANT: Novo

; TITLE OF INVENTION: CONSTRUCTION OF HYBRID ENZYME

; FILE REFERENCE: 10574-000

; CURRENT APPLICATION NUMBER: US/11/624,75

; CURRENT FILING DATE: 2007-09-19

; NUMBER OF SEQ ID NOS: 29

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 7

; LENGTH: 718

; TYPE: PRT

; ORGANISM: *Bacillus circulans*

US-11-624-750-7

Query Match 4.0%; Score 94; DB 2; Length 718;
Best Local Similarity 19.3%; Pred. No. 1;
Matches 70; Conservative 45; Mismatches 128; Indels 120; Gaps 17;

Db 117 IFATINYSGVNTAY-HGYW--ARDFKKTP-----YFGTMADFQNL 155

Qy 99 EKDGEATGVDAICTHRPDPTGPGLDREQLYLELSQLTHSITELGPYTLDRDSLTVNGFTH 158
| |: : |: | | : : : | : | : | : | || | || |

Qy 159 R---SSVPTTSTGVVSEEPFTLNFTINN-----LRYMADMGQPGSLKFNITDNVM 205
| : | : : | || :: || | | : :

Qy 206 KHLLSPL-FQRSSLGARYTGCRIA-----LRSVKNGAETRVDLLCTYLQPLSGPGL--- 256
||: || :| :| : : | | | | : | : | | | | | | |

Qy 257 ----PIKQVFH-----ELSQQTHGITRLGPYSLDK----- 282
 :: || : :| :| : : :|:

Qy 283 -----DSLYLNGYNEP-GPDEPPTTPKPATTF----LPPLSEATT 318
| | | :| : | :| | | | | | | |

Qy 319 MGY 321

Db 438 IAY 440

RESULT 7
US-10-692-382-14
; Sequence 14, Application US/10692382
; Publication No. US20080039413A1

;
 GENERAL INFORMATION:
 ; APPLICANT: David W. Morris
 ; APPLICANT: Marc S. Malandro
 ; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS IN CANCER
 ; FILE REFERENCE: 529452002420
 ; CURRENT APPLICATION NUMBER: US/10/692,382
 ; CURRENT FILING DATE: 2007-09-25
 ; PRIOR APPLICATION NUMBER: US 10/691,209
 ; PRIOR FILING DATE: 2003-10-21
 ; NUMBER OF SEQ ID NOS: 3504
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 14
 ; LENGTH: 1002
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-692-382-14

Query Match 4.0%; Score 92; DB 1; Length 1002;
 Best Local Similarity 24.0%; Pred. No. 2.5;
 Matches 48; Conservative 24; Mismatches 90; Indels 38; Gaps 8;

Qy	136 HSITELGPYTLDRDSLIVNGFTH-RSSVPTTSTGV-----VSEEPFTLNFTINNLRYMAD 189
	: : : : : : : : : :: :
Db	237 HSVVELAKFG-GRDLRVLPSFFHMTASIPLSQVSVVSPDHVSDSTVSARISDNSLAPVAD 295
Qy	190 MGQPGSLKFNITDNVMKHLL--SPLFQRSSLGARYTGCRVIALRSVKNGAETRVDLLCTY 247
	: :: : : :
Db	296 FSYPAAESSSCLDNSAAKHLQVKPRNQRSSKMRR-----SSRAQSESLSDLTCT- 345
Qy	248 LQPLSGPGLPIKQVFHELSQQTHGITRLGPYSLDKDSLVLNGYNEPGPDEPPTPKPATT 307
	: : : : : :
Db	346 -----P-----EEEENEKPLLEVSP-----EERPSSGQQDVAPDRGPEPGPPAPL 386
Qy	308 FLPPLSEATTAMGYHLKTLT 327
	:
Db	387 PPPGGARARRARLQHSSALT 406

RESULT 8

US-10-692-382-1063

;
 Sequence 1063, Application US/10692382
 ; Publication No. US20080039413A1
 ; GENERAL INFORMATION:
 ; APPLICANT: David W. Morris
 ; APPLICANT: Marc S. Malandro
 ; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS IN CANCER
 ; FILE REFERENCE: 529452002420
 ; CURRENT APPLICATION NUMBER: US/10/692,382
 ; CURRENT FILING DATE: 2007-09-25
 ; PRIOR APPLICATION NUMBER: US 10/691,209
 ; PRIOR FILING DATE: 2003-10-21
 ; NUMBER OF SEQ ID NOS: 3504
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 1063
 ; LENGTH: 1225

; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-692-382-1063

Query Match 3.9%; Score 91; DB 1; Length 1225;
Best Local Similarity 21.9%; Pred. No. 4;
Matches 92; Conservative 46; Mismatches 168; Indels 114; Gaps 21;

Qy	59 PGSRKFNTTERVLQGLLRPL----FKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTH 113
	:: :: : :: :
Db	627 PRVQRFHSTHNVNPGPLPPCADRRGLRLQSHPSTDGGLRAYSPRPPSISENVAMEAVAA- 685
Qy	114 RPDPTGP---GLDREQLYLELSQLTHSITELGPYTLDRDSLTVNGFTHRSSVPTTSTGV 169
	: : :
Db	686 GVDGAGPEADLGLPEDDLVLP-DDVVQYIKAHASGALDEGTGQV-----YPTESTG- 735
Qy	170 VSEEPFTLNFTINNLRYM--AD-----MGQPGSLKFN----- 199
	: : ::
Db	736 FSDNPRLPSPGLHGQRRMVAADSNVGPSAPMLGGCQLGF GAPSSLNKNNMPVQWNEVSSG 795
Qy	200 ITDNVMKHLLSPLFQRSSLG-----ARYTGCRVIALRSVKNGAETRVDLLCTYLQPL 251
	:: : : : : : : :: : :
Db	796 TVDSLASQVKPPPFPQGNLAVVQQKPAFGQYPG--YSPQGLQDG--LDSTQPHLQPR 849
Qy	252 SG---PGLPIKQVFHELSQLTHG-----ITRLGPYSLDKDSLTVNGYNEPGPDEPPTT- 301
	: : : : :
Db	850 SGAPSQGIPRVNMQQLRQPVAGSQCPGMTTMSPHAC-----YGOVHPQLSPSTI 900
Qy	302 -----PKPATTFLPPLSEAT---TAMGYHLKTTLNFTIS----NLQYS 338
	: : : : :
Db	901 SGALNQFPQSCSNMPAKPGHLGHQQTEVAPDPTTMGNRHRELGVPSAGVPPPHVQSY 960
Qy	339 PDMGKGSATNSTEGVLQ--HLL--RPLFQKSSMGPFYL---GCQLISLRPEKDGAATG 390
	: : :
Db	961 PQQSHHLAASMSQEYHQVPSLLPARQPGFMEPQTGPMGVATAGFGLVQPRPLEPSPTG 1020

RESULT 9

US-10-692-382-1063

; Sequence 1065, Application US/10692382
; Publication No. US20080039413A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc S. Malandro
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS IN CANCER
; FILE REFERENCE: 529452002420
; CURRENT APPLICATION NUMBER: US/10/692,382
; CURRENT FILING DATE: 2007-09-25
; PRIOR APPLICATION NUMBER: US 10/691,209
; PRIOR FILING DATE: 2003-10-21
; NUMBER OF SEQ ID NOS: 3504
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1065
; LENGTH: 1242
; TYPE: PRT

US-10-692-382-1073

Query Match 3.9%; Score 91; DB 1; Length 1242;
 Best Local Similarity 21.9%; Pred. No. 4.1;
 Matches 92; Conservative 46; Mismatches 168; Indels 114; Gaps 21;

Qy	59 PGSRKFNTTERVLQGLLRPL-----FKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTH 113
	:: :: : :: :
Db	644 PRVQRFHSTHNVNPGPLPPCADRRGLRLQSHPSTDGGLRAYSPRPPSISENVAMEAVAA- 702
Qy	114 RPDPTGP----GLDREQLYLELSQLTHSITELGPYTLDRDSL YVNGFTHRSSVPTTSTGV 169
	: : :
Db	703 GVDGAGPEADLGLPEDDLVLP-DDVVQYIKAHASGALDEGTGQV-----YPTESTG- 752
Qy	170 VSEEPFTLNFTINNLRYM--AD-----MGQPGSLKFN----- 199
	: : ::
Db	753 FSDNPRLPSPGLHGQRRMVAADSNVGPSAPMLGGCQLGF GAPSSLNKNNMPVQWNEVSSG 812
Qy	200 ITDNVMKHLLSPLFQRSSLG-----ARYTGCRVIALRSVKNGAETRV DLLCTYLQPL 251
	:: : : : : : :: : :
Db	813 TVDSLASQVKPPPFPQGNLAVVQQKPAFGQYPG---YSPQGLQDG---LDSTQPHLQPR 866
Qy	252 SG---PGLPIKQVFHELSQQTHG-----ITRLGPYSLDKDSL YLNGYNEPGPDEPPTT- 301
	: : : : : : : :
Db	867 SGAPSQGIPRVNYMQQLRQPVAGSQCPGMTTMSPHAC-----YGQVHPQLSPSTI 917
Qy	302 -----PKPATTFLPPLSEAT---TAMGYHLKTTLNFTIS----NLOYS 338
	: : : : : :
Db	918 SGALNQFPQSCSNMPAKPGHLPQQTEVAPDPTTMGNRHRELGV PDSAGVPPPHPVQSY 977
Qy	339 PDMGKGSATFNSTEGVLQ--HLL--RPLFQKSSMGPFYL---GCQLISLRPEKDGAATG 390
	: : : : :
Db	978 PQQSHHLAASMSQEGYHQVPSLLPARQPGFMEPQTGPMGVATAGFGLVQPRPLEPSPTG 1037

RESULT 11

US-11-812-518-364

; Sequence 364, Application US/11812518

; Publication No. US20080014590A1

; GENERAL INFORMATION:

; APPLICANT: Compugen Ltd

; TITLE OF INVENTION: Novel Nucleotide and Amino Acid Sequences, and Assays and Methods

; TITLE OF INVENTION: of use thereof for Diagnosis of Prostate Cancer

; FILE REFERENCE: 1847.1003

; CURRENT APPLICATION NUMBER: US/11/812,518

; CURRENT FILING DATE: 2007-07-05

; NUMBER OF SEQ ID NOS: 575

; SEQ ID NO 364

; LENGTH: 1645

; TYPE: PRT

; ORGANISM: Homo sapiens

US-11-812-518-364

Query Match 3.9%; Score 91; DB 2; Length 1645;
 Best Local Similarity 23.1%; Pred. No. 6;

Matches 76; Conservative 48; Mismatches 129; Indels 76; Gaps 18;

Qy 120 PGLDREQLYLELSQ-----LTHSITELGPYTLDRDSLYVNG-----FTHRSSVPTTS 166
 | | : | |||| |::| | | | : |: | | : | | ||

Db 1188 PDLSQVTLSPELSQTNLSPDL SH--TTL SPELIQRNLSPALGQMPISPDL SH----TTL 1240

Qy 167 TGVVSEEPFTLNFTINNLRYMADM GQPGSLKF NITDNVMKHLLSPLFQRSSLGARYTGCR 226
 : : | : | : : || | : | :: : : || | :: | : :

Db 1241 SPDLSHTTLSLDLSQTNL-----SPELSQTNLSPALGQMPISPDL SHTTLSLD FSQTN 1293

Qy 227 VIALRSVKNGAETRV DLLCTYLQPLSGPGLPIKQVFHELSQQTHGI---TRLGPYSLDK 282
 | . : : | | | | : || : || | : | | | | : |

Db 1294 ---LSPEL SHMTLSPELSQTNLSPALGQ-MPISP---DLSHTTLSLD FSQTNLSP-ELSQ 1345

Qy 283 DSYLNGYNEPGPDEPPTPKPATTF L-----PPLSEATTAMGYHLKTTLNFTI 332
 : | | : | : | | : | | | | : | | : | | : | | : |

Db 1346 TNL-----SPALGQMP LSPDPSHTTLSLDLSQTNLSP EL SQ--TNLSPDLSEMPLFADL 1397

Qy 333 SNLQYSPDMGKG--SATFNSTEGVLQHLLRPLFQKSSMGPFYLG CQLISLRPEKDGAATG 390
 | : : | : | | : | | | | : | : | | : | | : | | :

Db 1398 SQIPLTPDLDQM TLSPDLGETD-----LSPNFGQMSLSP---DLSQVTLSPDIS----- 1443

Qy 391 VDTTCTYHPDPVGPGLDIQQLYW--ELSQ 417
 | | | : | | : | :: | | |

Db 1444 -DTTLLPDLSQISPPPDL DQIFYPSESSQ 1471

RESULT 12

US-11-812-518-365

; Sequence 365, Application US/11812518

; Publication No. US20080014590A1

; GENERAL INFORMATION:

; APPLICANT: Compugen Ltd

; TITLE OF INVENTION: Novel Nucleotide and Amino Acid Sequences, and Assays and Methods

; TITLE OF INVENTION: of use thereof for Diagnosis of Prostate Cancer

; FILE REFERENCE: 1847.1003

; CURRENT APPLICATION NUMBER: US/11/812,518

; CURRENT FILING DATE: 2007-07-05

; NUMBER OF SEQ ID NOS: 575

; SEQ ID NO 365

; LENGTH: 2074

; TYPE: PRT

; ORGANISM: Homo sapiens

US-11-812-518-365

Query Match 3.9%; Score 91; DB 2; Length 2074;
 Best Local Similarity 23.1%; Pred. No. 8.3;
 Matches 76; Conservative 48; Mismatches 129; Indels 76; Gaps 18;

Qy 120 PGLDREQLYLELSQ-----LTHSITELGPYTLDRDSLYVNG-----FTHRSSVPTTS 166
 | | : | |||| |::| | | | : |: | | : | | ||

Db 1188 PDLSQVTLSPELSQTNLSPDL SH--TTL SPELIQRNLSPALGQMPISPDL SH----TTL 1240

Qy 167 TGVVSEEPFTLNFTINNLRYMADM GQPGSLKF NITDNVMKHLLSPLFQRSSLGARYTGCR 226
 : : | : | : : || | : | :: : : || | :: | : :

Db 1241 SPDLSHTTLSLDLSQTNL-----SPELSQTNLSPALGQMPLSPDLSHTLSLDFSQTN 1293
 Qy 227 VIALRSVKNGAETRV DLLCTYLQPLSGPGLPIKQVFHELSQQTHGI----TRLGPYSLDK 282
 | : :| | | | | :|| :|| | : | | | | :
 Db 1294 ---LSPELSHMTLSPELSQTNLSPALGQ-MPIISP---DLSHTTLSLDFSQTNLSP-ELSQ 1345
 Qy 283 DSYLNGYNEPGPDEPPTPKPATFL-----PPLSEATTAMGYHLKTLTLNFTI 332
 :| | :| :| |: | | | ||: | : | :| :
 Db 1346 TNL-----SPALGQMPLSPDPSHTTLSLDLSQTNLSPESLQ--TNLSPDLSEMPLFADL 1397
 Qy 333 SNLQYSPDMGKG--SATFNSTEGVLQHLLRPLFQKSSMGPFYLGQLISLRPEKDGAATG 390
 | : :||: : | | |: | | | : |: | ::| |:
 Db 1398 SQIPLTPDLDQMTLSPDLGETD-----LSPNFGQMSLSP---DLSQVTLSPDIS---- 1443
 Qy 391 VDTTCTYHPDPVGPGLDIQQLYW--ELSQ 417
 ||| : | |: |::: | ||
 Db 1444 -DTTLLPDLSQISPPPDLQIFYPSESSQ 1471

RESULT 13

US-11-812-518-392

; Sequence 392, Application US/11812518

; Publication No. US20080014590A1

; GENERAL INFORMATION:

; APPLICANT: Compugen Ltd

; TITLE OF INVENTION: Novel Nucleotide and Amino Acid Sequences, and Assays and Methods

; TITLE OF INVENTION: of use thereof for Diagnosis of Prostate Cancer

; FILE REFERENCE: 1847.1003

; CURRENT APPLICATION NUMBER: US/11/812,518

; CURRENT FILING DATE: 2007-07-05

; NUMBER OF SEQ ID NOS: 575

; SEQ ID NO 392

; LENGTH: 2224

; TYPE: PRT

; ORGANISM: Homo sapiens

US-11-812-518-392

Query Match 3.9%; Score 91; DB 2; Length 2224;
 Best Local Similarity 23.1%; Pred. No. 9.2;
 Matches 76; Conservative 48; Mismatches 129; Indels 76; Gaps 18;

Qy 120 PGLDREQLYLELSQ-----LTHSITELGPYTLDRDSLTVNG-----FTHRSSVPTTS 166
 | | : | | | | | | | | | | | | | | | | | | | |
 Db 1188 PDLSQVTLSPELSQTNLSPDLHS--TTLSPELIQRNLSPALGQMPLSPDLSH----TTL 1240

Qy 167 TGVVSEEPFTLNFTINNLRYADMGMQPGSLKFNFITDNVMKHLLSPLFQRSSLGARYTGCR 226
 : :| :| : | | | | : | : : : | | | :| :
 Db 1241 SPDLSHTTLSLDLSQTNL-----SPELSQTNLSPALGQMPLSPDLSHTLSLDFSQTN 1293

Qy 227 VIALRSVKNGAETRV DLLCTYLQPLSGPGLPIKQVFHELSQQTHGI----TRLGPYSLDK 282
 | : :| | | | | :|| :|| | : | | | | :
 Db 1294 ---LSPELSHMTLSPELSQTNLSPALGQ-MPIISP---DLSHTTLSLDFSQTNLSP-ELSQ 1345

Qy 283 DSYLNGYNEPGPDEPPTPKPATFL-----PPLSEATTAMGYHLKTLTLNFTI 332
 :| | :| :| |: | | | ||: | : | :| | | | :

Db	1346	TNL-----SPALGQMPLSPDPSHTTLSLDLSQTNLSPESLQ--TNLSPDLSEMPLFADL	1397
Qy	333	SNLQYSPDMGKG--SATFNSTEGVLQHLLRPLFQKSSMGPFYLGCQLISLRPEKDGAATG	390
		: : : : : : : : :	
Db	1398	SQIPLTPDLDQMTLSPDLGETD-----LSPNFGQMSLSP---DLSQVTLSPDIS-----	1443
Qy	391	VDTTCTYHPDPVGPGLDIQQLYW--ELSQ	417
		: : :::	
Db	1444	-DTTLLPDLSQISPPPDLDQIFYPSESSQ	1471

RESULT 14

US-11-812-518-393

; Sequence 393, Application US/11812518

; Publication No. US20080014590A1

; GENERAL INFORMATION:

; APPLICANT: Compugen Ltd

; TITLE OF INVENTION: Novel Nucleotide and Amino Acid Sequences, and Assays and Methods

; TITLE OF INVENTION: of use thereof for Diagnosis of Prostate Cancer

; FILE REFERENCE: 1847.1003

; CURRENT APPLICATION NUMBER: US/11/812,518

; CURRENT FILING DATE: 2007-07-05

; NUMBER OF SEQ ID NOS: 575

; SEQ ID NO 393

; LENGTH: 2224

; TYPE: PRT

; ORGANISM: Homo sapiens

US-11-812-518-393

Query Match 3.9%; Score 91; DB 2; Length 2224;
Best Local Similarity 23.1%; Pred. No. 9.2;
Matches 76; Conservative 48; Mismatches 129; Indels 76; Gaps 18;

Qy	120 PGLDREQLYLELSQ-----LTHSITELGPYTLRDRDSLVNG-----FTHRSSVPPTS 166
	: : : : :
Db	1188 PDLSQVTLSPELSQTNLSPDLSH--TTLSPELIQRNLSPALGQMPISPDLSH----TTL 124

Qy	167	TGVVSEEPFTLNFTINNLRYMADMGQPGSLKFNITDNVMKHL	SPLFQRSSLGARYTGCR	226
	:	: : : :	: :: : : : :	
Db	1241	SPDLSHTTLSLDLSQTNL-----	SPELSQTNLSPALGQMPLSPDLSHTTLSLDFSQTN	1293

Qy 227 VIALRSVKNGAETRVDLLCTYLQPLSGPGLPIKQVFHELSQQTHGI---TRLGPYSLDK 282
| : | : | | | | : || : || | : | | | | :
Db 1294 ---LSPELSHMTLSPELSQTNLSPALGQ-MPISP---DLSHTTLSLDFSQTNLSP-ELSQ 1345

Qy 283 DSLYLNGYNEPGPDEPPTPKPATFL-----PPLSEATTAMGYHLKTLNFTI 332
 :| | :| :| |: || | | | | | | | | | | :
Db 1346 TNL-----SPALGQMPLSPDPSHTLSDLSQTNLSPELSQ--TNLSPDLSEMPLFADL 1397

Qy	333	SNLQYSPDMGKG--SATFNSTEGVLQHLLRPLFQKSSMGPFYLGQLISLRPEKDGAATG	390
		: : : : : : : : :	
Db	1398	SQIPLTPDLDQMTLSPDLGETD-----LSPNFGQMSLSP---DLSQVTLSPDIS----	1443

QY 391 VDTTCTYHPDPVPGPGLDIQQLYW--ELSQ 417
| | | : | | | ; | ; ; | |

Db 1444 -DTTLLPDLSQISPPPDLDQIFYPSESSQ 1471

RESULT 15

US-11-820-004-92

; Sequence 92, Application US/11820004
; Publication No. US20080008707A1
; GENERAL INFORMATION:
; APPLICANT: FREIMARK, BRUCE
; APPLICANT: VAN EPPS, DENNIS
; APPLICANT: CLARK, DEREK
; TITLE OF INVENTION: DENATURED COLLAGEN PEPTIDES AND USES THEREOF
; FILE REFERENCE: 30797-726.201
; CURRENT APPLICATION NUMBER: US/11/820,004
; CURRENT FILING DATE: 2007-06-28
; PRIOR APPLICATION NUMBER: 60/813,724
; PRIOR FILING DATE: 2006-06-14
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 92
; LENGTH: 2944
; TYPE: PRT
; ORGANISM: Homo sapiens

US-11-820-004-92

Query Match 3.9%; Score 90.5; DB 2; Length 2944;
Best Local Similarity 23.3%; Pred. No. 15;
Matches 90; Conservative 38; Mismatches 150; Indels 109; Gaps 17;

Qy 21 GASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPGSRKFNTTERVLQG----- 73
| :: | | : || | | | : | || : | | | | |

Db 321 GTARTTA-LEGPE-----LTIQNTTAHSLLVAWRSPVGATGYRVTWRVLSGGPTQQQE 372

Qy 74 -----LLRPLFKNT-----SVGPLYSGCRLTLLRPEKDGEATGVDAICTH 113
| | | | | | | | | | | | | | | | | | | |

Db 373 LGPGQGSVLLRDLEPGTDYEVTVSTLFGRSVGPAT---LMARTDASVEQ-----TL 421

Qy 114 RPDPTGP-----GLDREQLYLELSQLT-HSITELGPYTLDR 148
| | | | | | | | | | | | | | | | | | | |

Db 422 RPVILGPTSIILSWNLVPEARGYRLEWRRETGLEPPQKVVLPSDVTRYQLDGLQPGTEYR 481

Qy 149 DSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFTINNLRYMADMGQ-----PGSLKFN 199
: | | | | : | | | | | | | | | | | | | | |

Db 482 LTLYTLLEGHEVATPATVVPTGPELPVS---PVTDLQATELPGQRVRVWSWPVGATQYR 538

Qy 200 I----TDNVMKHLLSPLFQRS-----SLGARYTGRVIALRSVKNGAETRVDLLCTYLQ 249
| | | | : | : | | | | | | | | | | | | |

Db 539 IIVRSTQGVERTLVLPGSQTAFDLDDVQAGLSYT-VRVSARVGPREGSASVLTVRREPET 597

Qy 250 PLSGPGLPIKQVFHELSQQTHGITRLGPYSLDKDSLNGYNEPGPDEPPTPKPATTFL 309
| | : | | | : | | | | | | | | | | | | | |

Db 598 PLAVPGLRV----VVSDATRVRAWGPVP-GASGFRISWSTGSGPESSQT-----L 643

Qy 310 PPLSEATTAMGYHLKTLTNFTISNLQ 336
| | | | | | | | | | | | | | | | | | | |

Db 644 PPDSTATDITGLQPGT-TYQVAVSVLR 669

Search completed: March 11, 2008, 01:51:08

Job time : 30 secs

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